

CLOSURE OF WASTE IMPOUNDMENTS DESIGN AND CHECK DATA REQUIREMENTS

The following items must be addressed in the design folder for the Closure of Waste Impoundment. The following items shall be included:

- 1) Table of Contents
- 2) Risk Assessment including:
 - a) Condition of the seepage control liner
 - b) Proximity of groundwater
 - c) Structural Integrity
 - d) Intended use of facility or site
 - e) Safety Hazards
- 3) Applicable permits
- 4) Construction Specifications
- 5) Engineering Drawings
- 6) Erosion & Sediment Control Plan
- 7) Quality Assurance Plan

Items 1 through 3 can be documented in narrative form. Items 4 through 7 require more detail as described below.

Construction Specifications

Enclose the applicable specification(s) 360, 342 and others as needed.

Include any "additional conditions" or items that are site specific or must be defined to supplement the standard specification. (See instructions for use of Specification 360.)

Add any special or "by-others" specifications.

Engineering Drawings

On each drawing sheet, the title block should show the operator's name, type of operation, county and the persons involved in drawing and designing the closure. All closures require approval by a registered Professional Engineer or an Engineer with NRCS job approval authority for Standard 360. The following items should be included:

PLAN VIEW SHEET

North arrow, Bench mark(s)
Scale, Legend
One Call documentation
Contours
Roads & utilities
Access
Existing structures

Existing waste impoundment

Location(s) of breach or embankment removal
Cross section locations
Construction limits
Remaining drainage & outlet locations
Locations of pipes, appurtenances, & structures
Borrow area
Spoil area
Property lines
Water well and spring location(s)
Water courses
Known sinkhole locations

CROSS SECTION SHEET(S)

Two sections, minimum
Scale(s)
Pipes, appurtenances, & structures to be removed
Excavation and earth fill
Slopes

SEQUENCING STATEMENT WITH:

Construction sequence
Special considerations
Lining removal or protection
Removal of floating vegetation
Special equipment

Erosion and Sediment Control Plan

See DEP Erosion and Sediment Pollution Control Program Manual.

Quality Assurance Plan

List specify items to be inspection and when.
Specify who will do the actual inspection.
List testing equipment required for the inspection.